

**PATENT APPLICATION**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of

Docket No: Q79448

FUJITA, Ayumu, et al.

Appln. No.: Not yet assigned

Confirmation No.: Not yet assigned

Group Art Unit: Not yet assigned

Filed: January 23, 2004

Examiner: Not yet assigned

For: CATALYST FOR USE IN PRODUCING LOWER FATTY ACID ESTER, PROCESS FOR PRODUCING THE CATALYST, AND PROCESS FOR PRODUCING LOWER ALIPHATIC CARBOXYLIC ACID ESTER USING THE CATALYST

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form which are all the references of record in parent application No. 09/958,096. Applicant is not submitting duplicate copies of these references but requests that they be listed on the face of any patent granted on the above application. (See 37 CFR §1.98(d)). Copies of any cited copending applications, if not previously submitted, are being submitted herewith.

Applicants note that in the parent application, the Examiner cited copending Application No. 09/958,271. The copending application is cited in the attached list in the form of U.S. Published Patent Application 2003/0054945.


INFORMATION DISCLOSURE STATEMENT  
U.S. Appln. No.: Not yet assigned

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,

  
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WASHINGTON OFFICE

**23373**

CUSTOMER NUMBER

Date: January 23, 2004

Substitute for Form 1449 A & B/PTO  <b><u>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</u></b>  <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	Not yet assigned
				Confirmation Number	Not yet assigned
				Filing Date	January 23, 2004
				First Named Inventor	FUJITA, Ayumu
				Art Unit	Not yet assigned
				Examiner Name	Not yet assigned
				Attorney Docket Number	Q79448
Sheet	1	of	1		

U.S. PATENT DOCUMENTS					
- Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US-6133386		10-2000	Morrell et al
		US-2003/0032837		02-2003	Kadowaki et al
		US-5070061		12-1991	Langerbeins
		US-5714429		02-1998	Haining
		US-6040262		03-2000	Fougret et al
		US-6072090		06-2000	Cockman et al
		US-4061673		12-1977	Onoda et al
		US-4966877		10-1990	Langerbeins et al
		US-5629459		05-1997	Atkins
		US-5684216		11-1997	Haining
		US-2003/0054945		03-20-2003	Kadowaki et al

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		EP	0 959 064	A1	11/24/1999	BP Chemicals Limited London	
		WO	00/74842	A1	12/14/2000	Showa Denko K.K.	
		WO	02/00589	A2	1/3/2002	Showa Denko K.K.	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
		Krystyna Nowinska, et al., <i>J. Chem. Soc. Faraday Trans.</i> "Catalytic Activity of Supported Heteropoly Acids for Reactions requiring Strong Acid Centres", 1991, 87(5), pp. 749-753	
		Patent Abstracts of Japan vol. 006, no. 186 (C-126), Sept. 22, 1982, abstracting JP 57-099556 of June 21, 1982	Abstract
		Patent Abstracts of Japan vol. 006, no 227 (C-134), Nov. 12, 1982, abstracting JP 57-130954 of August 13, 1982	Abstract

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.